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SCOPE 15 E. Strd Orig 2 Score Escore Ion | Documentation | Switzbrot | Switzbrot | String | Linux | Li
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1 | 115725 rattus norvegicus (rat)
595 + P28908 homos sapiens (human)
335 + P2844* homos sapiens (human)
3672 - Q21113 nashorihabdiris silega
277 + P44189 homos sapiens (human)
274 + P46182 mis miscilis (couse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ! 070433 mus musculus (mouse)
                                                                                                                                                                                                                                                                                                                                           -MODEL+Irame*_n2p.model -DEV-x1p
-O-/cqni_1/05FTO spool/USOO5-25000; rnal_2004; rou_110206/app_query fasta_1_2117
-DB-SWissBrot_39 -OPMT-Lastan -SUPFIX-rsp -GAPOP-12,000
-OSPEXT4_0,000 -MINMATCH-0,100 -LOADOPT-0 000 -LOADOPT-0,000
-OSPEXT4_0,000 -OSAPEXI-0 050 -VAROOD-10,000 -VGAPOFXT-0,500
-FGAPOP-6,000 -FGAPEXI-7 000 -VAAPOP-10,000 -VGAPEXT-0,500
                                                                                                                                                                          About: Results were produced by the GenCore software, version 4.5, Copyright (c) 1993-2000 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       .USER-US09525998_accv1_1_43 -NCPU-6 -ICPU=3 -LONGLOG -NO_XLPXY
out_format : pfs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        -DELOP-6.000 -DELEXI-7.000 -STARI-1 -MATRIX-biosum62
-TRANS-bumman40.edi -LIST-45 -DOWALIGN 200 THE_SCORE pet
-THR_MAX-100 -THR_MIN-0 -ALIGN-15 -Mu06-LOCAL -OUTFWI-pfs
OM of: US-09-525-998A-11 to: SwissProt_39:*
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117.50
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Database length: 36664827
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Search information block:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query: US-09-525-998A-11
Query length: 600
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                                                                                                                                                                                                                                                                                                      Command line parameters:
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SwissProt_39:SL13_MOUSE
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' QJ4620 plasmodium berghei (st

SWISSPFOT\_39:0824\_PLAHA

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7)3 : P21849 giardia lamblia (q
969 : P29122 homo sapiens (huma
1712 : J6618 Intlus notresions (
892 : J9568 Ariogons Javis (a
279 : CY9115 Fattus norvegicus (r
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Schaff 1.3., towis M., Kolier K.C., tee A., Fice G.C., Wong G.H.W., Getanada T., Grander G.A., Lentz R., Raab H., Kohr W.J., Goeddel D.V., "Molecular cloning and expression of a receptor for human tumor necrosis factor.";
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Neither Strong or Property Parkwesth C., High Beath His Award Kill Adottes the Highest His Wallach D., Schulte forms of the Award Medital Lactor to epicies (TMF hs). The CDM Control of the Type I TMF K. Abbed asing adding and sequence data of its receptor.
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01-FEB-1991 (Rei. 17, Last segmente apdate)
02-FEB-1991 (Rei. 17, Last segmente apdate)
100-NO 2001 (Rei. 40, Last annoration update)
100-NO NOFFEST FACTOR RECDETOR 1 PRECURSOR (ION-R NECF SIS FACTOR
BINDING FRITEIN 1, (IBFI) (160) (IMF N.) (INF N.) (170, GIGLION)
INFEREIA OR INFR! OR INFAR.
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Mammalia; Eurheria; Primates; Catarrhini; Hominidae; Homo.
NCEL_TaxID-9606;
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Facts F., Siedl S., Easteak M., Hingler A., Ambros P.F.,
"Strachate of the Landa TNE receptur 1 (pG) were (INFFI) and
Localization to the smoother labels.";
Concentre 191219 224 (1952).
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Logischer H., Pan V. C.E., Latm B.-W., Gentz R., Brocklaus M.
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MCC-IIII (CITE 3. LLMG-LID).374;
Clay F.W., Raflett E., Chantly L., Tuffet M., Ecidman M.;
Clay F.W., Haffet E., Chantly L., Lactor (INI) receptor cONA-expression of recombinant solution TNP-linding protein.";
expression of recombinant solution TNP-linding protein.";
Proc. Natl. Acad. Sci. U.S.A. 87:7380-7384(1990).
SwissProt_39:15A4_C1A1A - 117.50 172.95 0:0004
SwissProt_39:17A4_HUMAH - 117.50 174.19 0:0005
SwissProt_39:170FaT - 117.00 16.6.6 0:0111
SwissProt_39:1DL2_XEMA - 116.00 17.77 0:0112
swissFrot_39:5L13_KA1 - 116.00 17.77 0:0112
                                                                                                                                                                                                                                                                                                seq_name: SwissProt_34:INRL_HUMAN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Cell 61:361-370(1990).
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                                                                                                                                                                                                                                                                                                                                                                                          seq_documentation_block
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                                                                                                                                                                                                                                                                                                                                                                                                                            TNF1_HPMAN
P19438;
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between the Swiss Institute of Bioinformatics and the EMBL outstation—
the European Bioinformatics Institute. There are no restrictions on its
use by non-profit institutions as long as its content is in no way
modified and this statement is not removed. Usage by and for commercial
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or send an email to license*i8b-sib.ch).
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PERFORMS CASPASE-8 PROTECLYTIC ACTIVATION WHICH INTITATES THE STUBSTRUCHENT CASCARDE OF CASIVASES (ASMARTATE: SPECIFIC CYSTRING PROTEASES) MEDIATING APPOPROSIS. CONTRIBUTES TO THE INDUCTION OF NONCYTOCIDAL TINF EFFECTS INCLUDING ANTI-VIRAL STATE AND ACTIVATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SUBDNIT: THE BINDING TO THE EXTRACELLULAR DOMAIN OF THERI LEADS TO HOMOTRIMERIZATION. ONCE AGGREGAIED THE RECEPTORS DEATH DOMAINS PROVIDE A NOVEL MOLECULAR INTERFACE THAT INTERACTS SPECIFICALLY WITH THE DEATH DOMAIN OF TRADD. VARIOUS TRADD-INTERACTING PROTEINS SUCH AS TRAPS, RIP AND POSSIBLY FADD, ARE RECRUITED TO THERI COMPLEX BY THEIR ASSOCIATION WITH TRADD. THIS COMPLEX ACTIVATES AT LEAST TWO DISTINCT SIGNALING CASCADES, APOPTOSIS AND
                                                                                                                                                                                                                                                                                                               X-MAY CRYSTALLOGRADHY (2-95 ANGSTROMS) OF 30-211 IN COMPLEX WITH TNPB.
MEDIINE-93258RD9: Pubmed-8387891;
                                                                                                                                                                                                                                                                                                                                                                            Banner D.W., D'Arcy A., James W., Gentz R., Schöenfeld H. J., Broger C., Loetscher H., Lesslauer W., "Crystal structure of the soluble human 55 kd INF receptor-human INF beta complex: implications for INF receptor activation.";
                                                                                                                                                     urine. Evidence for immunological cross reactivity with ceil surface tunce necrosis factor receptors.";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Naismith J.H., Devine T.Q., Khono H , Sprang S P , "Structures of the extracellular domain of the type I tumor necrosis
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DOMAIN: THE DOMAIN THAT INDUCES A-SMASE IS PROPABLY IDENTICAL TO
THE DEATH DOMAIN. THE N-SMASE ACTIVATION DOMAIN (NSD) IS BOTH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NECESSARY AND SUFFICIENT FOR ACTIVATION OF N-SMASE.
SIMILARITY: CONTAINS A LA-NGFR/TNFR-TYPE CYSTEINE-KICH REGION.
SIMILARITY: CONTAINS 1 DEATH DOMAIN.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FUNCTION: RECEPTOR FOR THE ALPHA, THE ADAPTOR MOLECULE FADD RECRUITS CASPASE-8 TO THE ACTIVATED RECEPTOR. THE RESULTING AGGREGATE CALLED THE DEATH-INDUCING SIGNALING COMPLEX (DISC)
                                                                Engelmann H., Novick D., Wallach D.; "Two tumor necrosis factor-binding proteins purified from human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DATAHASE: NAME-PROW, NOTE-CD guide CD120a entry;
WWW-"bttp://www nebi.nim nih.gov/prow/ed/ed120a.html.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      X-RAY CRYSTALLOGRADHY (1 R5 ANGSTROMS) OF 41-202.
                                                                                                                                                                                                                              Biol. Chem. 265:1531-1536(1990).
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                                        MEDLINE-90110215; PubMed-2153136;
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M75864; AAA61201.1; JOINED.
M75865; AAA61201.1; JOINED.
M60275; AAA36786.1; -
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1NCF; 07-DEC-95.
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S12057, S12057.
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A38208; A38208.
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SEQUENCE OF 41-45.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            factor receptor.
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EMBL;
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PIR;
PIR;
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InterPro; IPR000488; Death

191190;

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TUMOR NECROSIS FACTOR RECEPTOR 1.
TUMOR NECROSIS FACTOR BINDING PROTEIN 1.
                                                                                      Receptor, Transmembrane, Glycoprotein, Repeat, Signal, Apoptosis;
3D structure.
                                                                                                                                                                                                                                                                                                                                                 N-LINKED (GLCNAC. .) (POTENTIAL).
N-LINKED (GLCNAC. .) (POTENTIAL).
N-LINKED (GLCNAC. .) (POTENTIAL).
MISSING (IN REF. 4).
                                                                                                                                                                                                                N-SMASE ACTIVATION DOMAIN (NSD).
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        118 CACCCTCAAAATAATTCGATTTGCTGTACCAAGTGCCACAAAAGAAACTA 167
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  EXTRACELLULAR (POTENTIAL).
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PAA -> APP (IN REF. 4).
4CEFBA96D03B8225 CRC64;
                                                                                                                                                        CYTOPLASMIC (POTENTIAL).
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Percent Identity: 94,787
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                                                                                                                                                                 4 X TNFR CYS.
                                                                                                                                                                            TNFR-CYS 1.
                                                                                                                                                                                   TNFR-CYS 2. TNFR-CYS 3.
                                                                                                                                                                                                       TNFR-CYS 4
                                                                                                                                               POTENTIAL
                                                                                                                                                                                                                           DEATH.
                                                                              PROSITE, PS50017, DEATH_DOMAIN; 1.
                                                                                                                                                                                                                                                                                                                                                                                         GPAA
                                                         PROSITE; PSOOKS2; TNFP_NGFR_1; 3. PROSITE; PSSOOKS; TNFP_NGFR_2; 3.
                                                                                                                                                                                                                                                                                                                                                                                                 50494 MW;
                              ProDom; PD000771; TNFR_c6; 1.
InterPro: IPRO01368; INFR_c6
Piam; PF00531; death; 1.
Pfam; PF00020; INFR_c6; 4.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-525-998A-11 x TNR1_HUMAN
                                      SMARL; SMUUU05; DEATH; 1
SMARL; SMUU008; INFR; 4.
                                                                                                                                                                                                                                                                                                                                                                                                                                               5.588
                                                                                                                                                                                                                                                                                                                                                                                                                                    Quality, 1117,50
Ratio: 5,588
                                                                                                                                                                                                                                                                      1117
1258
1258
1166
179
191
195
145
1151
                                                                                                                                    455 AA;
                                                                                                                                                                883
1126
1126
3338
356
62
62
862
862
862
862
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                                                                                                                                                                                                                                                                                                                                                                                                                             alignment_scores:
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                                                                                                                                   DOMAIN
TRANSMEM
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CONFLICT
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REPEAT
                                                                                                         SIGNAL
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PECPUTES CASPASE AT OTHE ALPHA. THE ALAPTOR MALECULE FADD
BECPUTES CASPASE AT OTHE ACTIVATED PECEPTOR. THE RESULTING
AGGREGATE CALLED THE DEATH-INDUCING SIGNALING COMPLEX (DISC)
CAGGREGATE CALLED THE DEATH-INDUCING SIGNALING COMPLEX (DISC)
CHECKERS ASPASE BEOFFCITY OF CATABLE SPECIFIC CYSTEINE
SUBSCUENT CASCADE OF CASPASES (ASPARIATE SPECIFIC CYSTEINE
FROHEASES) MEDIALING APOPTOSIS (BY SIMILARITY)
CHECKERS MEDIALING APOPTOSIS (BY SIMILARITY)
CHECKERS BENDING TO THE EXTRACELLULAR DOMAIN OF THRI LEADS TO
ROWOTPYMERIATION CNT ALGEBRATED THE ECEPTORS DEATH COMPLEX
CHECKER SUCH AS TRAFS, RIP AND POSSIBLY FADD, ARE RECKUITED TO
THYRI COMPLEX BY HERE ASSOCIATION WITH TRADD. THIS COMPLEX
ACTIVATES AT LEAST TWO DISTINCT SIGNALING CASCADES, APOPTOSIS AND
CHECKER BY SIGNALING STATEMENT SIGNALING CASCADES, APOPTOSIS AND
CHECKER SUBCLELULAR LOCATION: TYPE I MEDIANDE PROTEIN.
CHECKER SUBCLELULAR LOCATION: TYPE I MEDIANDE CYSTEINE RICH REGION.
CHECKER SUBCLELULAR LOCATION: TYPE I MEDIANDE CYSTEINE RICH REGION.
CHECKER SUBCLELULAR LOCATION: TYPE I MEDIANDE CYSTEINE RICH REGION.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  "Cloning of the cDNA encoding the porcine p55 tumor necrosis factor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             01-ord-1996 (Rel 34, Created)
01-ord-1996 (Rel 34, Last sequence update)
20-AUG 2001 (Rel 40, Last annotation update)
TUMOR NECROSIS FACIOR RECEPTOR I PRECURSOR (P60) (INF-RI) (INF-RI)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sus scrola (Plg).
Eukaryota: Metacoa; Chordata; Craniata; Verlebrata, Euteleostomi,
Mammalia, Eutheria; Cetartiodartyja: Suina; Suidae; Sus
218 GIMAGAGGGGTGCTICACGGTTCASAAAACCACCTCAGACACTGCCTC 267
                      AGCTGCTCCAAATGCCGAAAGGAAAIGGGICAGGTGGAGATGTTCTTG 317
                                                                                                       101 SerGysScriysCysArgLysOluMctOlyGlnValOluileSerSerCy 117
                                                                                                                                                                     318 CACAGIGGACCGGGACACCGIGTGTGGCTGCAGGAAGAACAAGIACGGGC 367
                                                                                                                                                                                                                                                       ATTAL EGGAGTGAAAAGCITTTCCAATTGCTAATTGCAGCCTCTGCCTC 417
                                                                                                                                                                                                                                                                           ACTGTAAGAAAAGCCFGGAGTGCACGAAGTTGTGCCTACCCCAGATTGAG 567
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              117 sihrvalaspargaspihrvalCysGlyCysArgiysAsnGlnTyrargH 134
                                                                                                                                                                                           461 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AATGTTAAGGGCACTGAGGAGTCAGGCACACA 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                201 AshVallysClyThrcluAspSerClyThrThr 211
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDLINE-96011645; PubMed-7590278;
Suter B., Pauli U.H.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              seq_name: SwissProt_39:INR1_PIG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      164:263-266(1995).
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      receptor."
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P50555;
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This SWISS FROM entry is copyright, it is produced the modern and a collaboration between the Swiss Institute of Bioinformatics and the EMBL outstation—the European Bioinformatics Institutions as lond as its content is in no way modified and this statement is not removed. Usage by and for commercial collaboration is the commercial collaboration and the statement is not removed. Usage by and for commercial collaboration and an email to licenserisb bioth).
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HY SIM
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POTENTIAL.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TUMOR NECROSIS FACTOR RECEPTOR 1. EXTRACELLULAR (POTENTIAL).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFR-CYS 3.
THER-CYS 4.
N-SMASE ACTIVATION DOMAIN (NSD).
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     I Alexandicing Macadasci (aMociocidades (MC) adaquedas (MC) | HITTI HITT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 MetalylauserihrvalPredlylaulenkauProlauVallauArgAl 17
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PROSTIE: PSOUGES: INFRANCEL; 4.
PROSTIE: PSOUGE: INFRANCEL; 2.
PROSTIE: PSOUGE: INFRANCEL; 2.
PROSTIE: PSOUGE: INFRANCEL; 3.
RECEPTOR: Indom/mbrance; Glynchria
                                                                                                                                                                                                                                                                                                                                                                                                                            Pfam: PFOC5:1: death: 1.
Plam: PFOC620: INFR c6: 3.
Probom: PEOU07/1: INFR-c6: 1.
SMART: SMO0005: DEATH: 1.
SMART: SMO0009: INFR: 3.
                                                                                                                                                                                                                                                                                                                         ISSP: P19438; IINR.
InterPro; PPBCss488; Death.
InterPro; IPRCs1568; INFR_c6.
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BEPEAT
REPEAT
REPEAT
REPEAT
REPEAT
DOMAIN
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01-MAY-1992 (Rel. 22, Created)
01-MAY-1992 (Rel. 22, Last sequence update)
20 A/9:2001 (Rel 40, Last armitation .pddtc)
TUMOR NETROSIS FACTOR PECEPTOR I PRECURSOR (PAG) (TNF-P1) (TNF-RI)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Pukaryota, Metanon, Cherdata, Craniata, Vertebiutu, Euteleostomi,
Mammalla: Butheria, Rodentia, Seiurognathi, Muridae, Murinae, Mus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Goodwin R G., Anderson D., Jerzy R., Davis T., Brannan C.I.,
Copeland N.G., Senkins N.A., Smith C.A.;
"Molecular cloning and expression of the type 1 and type 2 marine
receptors for tumor necrosis factor.",
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Lewis M., Tartaglia L.A., Lee A., Bennett G.L., Rice G.C., wong G.H., Chen E.Y., Gueddel D.V.; The distinct murine tumor "Cloning and expression of cDNAs for two distinct murine tumor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           necrosis factor receptors demonstrate one receptor is species specific.";
                                                              118 CACCCTCAAAATAATTCGATTIGGIGGIAGGAAGGAAAGAAAGAACTA 167
                                                                                                                                                                                           84 ysAspAsnGlyThrPheThrAlaSerGluAsnHisLeuThrGlnCysLeu 100
                                                                                                                                                                                                                                                                                                                                                                                                                                           268 AGCTGCTCCAAATGCCGAAAAGGAAATGGGTCAGGTGGAGATGTCTTCTTG 317
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  318 CACAGIOGACCGGGACACACTGTGTGTGGTGGAAGAACAACTACTACCGGG 367
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  368 ATTAITGGAGTGAAAACTITICCAGIGGIICAALIGCAGGGICIGGGGG 417
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  468 CTGGCATGCAGGTTTTTTTTAAGAGAAAAGGAGTGTGTCTCCTGTAGTA 517
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         184 snCystysAsnAla...AspCystysAsntieuCysPtoAlaThrSetGlu 199
                                                                                                                                                                                                                                                                                                                 218 GIGAGAGGGGTCCTICACGCTTCAGAAAACCACTCAGACACTGCCTC 267
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          151 AsnGlyThrValGlnLeuProCysLeuGluLysGlnAspThr11eCysAs 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               167 nCysHisSerGlyPhePheLeuAraAspL,sGluC,sValSerC,sValA 184
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              67 rLeuflisAsnAspCysLeuGlyProClyLeuAspThrAspCysArgGluC 84
34 roclyAspangelulysAngeluSertals@ysDtaGluGlydysTyrSer 50
                                                                                                                            51 HisProGlnAsnArqSerIleCysCysThrLysCysHisLysGlyThrTy 67
                                                                                                                                                                                                                            Toc. Natl. Acad. Sci. U.S.A. 88:2830-2834(1991)
                                                                                                                                                                                                                                                                                                                                                        568 AAIGTTAAGGGCACTGAGGACTCAGGCACAGA 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               200 ThrArgAsaAspPheGluAspThrGlyThrThr 210
                                                                                                                                                                                                                            MEDIINE-91187885; PubMed-1849278;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDLINE-91246168; PubMed-1645445;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     seq_documentation_block:
ID TNRL_MOUSE STANDARD;
AC P25,118;
                                                                                                                                                                                                                               Mus musculus (Mouse).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SHOUENCE FROM N.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AGSKEGATE CALLED THE DEATH INDUCING SIGNALING COMPLEX (DISC)
BERFORMS CASPASE B PROTEOUTIC ACTIVATION WHICH INITIATES THE
SUBSEQUENT CASCADE OF CASPASES (ASPARÇAME-SEQUIFIC CYSTEINE
PROTEASES) MEDIATING APOPTOSIS (BY SIMILARITY).

SOUDHIL: IN H. MINING TO THE EXTRACTIOUAL OODAIN OF THERI LEADS TO
HOMOTRIMERIZATION. ONCE AGGREGATED THE RECEPTIORS DEATH DOMAIN OF
PROVIDE A NOVEL MOLECTICA INTERFACT THAT INTERACTIS SPECIFICALLY
PROVIDED AND DOMAIN OF TRADD. VARROUS TRADD-INTERACTING
PROTEINS SICH AS TRAFS, SIP AND POSSIBLY FAND. ARE RECRUITED TO
THERI COMPLEX BY THEIR ASSOCIATION WITH TRADD. THIS COMPLEX
                                                                                                                                                                                                                                                              Mothe J.G., Brockhaus M., Gentz.R., Losslauer W.; "Molecular cloning and expression of the mouse Infraceptor type b."; Immunogenetics 34:338-340(1991).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ACTIVATES AT LEAST TWO DISTINCT SIGNALING CASCADES, APPRICASIS AND NF-KAPPA B SIGNALING (BY SIMILARITY).
SUBGELLILAR LOCATION: TYPE I MEMBRANE PROTEIN.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SIMILARITY: CONTAINS A LA-NGFEZTNER-TYPE CYSTEINE-KICH REGION. SIMILARITY: CONTAINS 1 DEATH DOMAIN.
                                                                                                                          'Cloning, expression and cross-linking analysis of the murine p55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Porte T., Righthmann H., Gente P., Lesslaner W., Steinmete M., "Genomic organization and promoter function of the murine tumor necrosis factor receptor bata gene.";
Mol. Immunol. 30:165-175(1993).
-i. FUNCTION: RECEPTOR FOR TWE-ALPHA. THE ADAPTOR MOLECULE FADD RECENTION: CASPASE WITH ACTIVATED RECENTION. THE RESULTING
                                                          MEDLINE-91285014, PubMed-1647956,
Bairett K., Taylor Fishwich D.A., Cope A.P., Kissonerqhis A.M.,
Gray P.W., Feldmann M., Foxwell B.M.J.;
                                                                                                                                                                                                                                                                                                                                                                                                              "Nucleotide sequence of the TNF type I receptor from a mouse endothelloma cell line.";
                                                                                                                                              tumor necrosis factor receptor.";
Eur. J. Immunol. 21.1649-1656(1991).
Self. Biol. 11.3920-3926(1991).
                                                                                                                                                                                                                                            MEDLINE-92039815; PubMed-1657766;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDLINE-93156721; PubMed-8381516;
                                                                                                                                                                                                                                                                                                                                                                       MEDLINE-94245292; PubMed-8188324;
Bebo B.F., Linthicum D.S.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    EMBL: 1.26449; AAA59361.1; --
EMBL: M76656; AAA44465.1; --
EMBL: M88667; AAA4645.1; --
EMBL: M76655; AAA40465.1; JOINED.
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Immunogenetics 39:450-451(1994).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MGD; MGI:1314884; Thirsfla.
InterPro; IPR000488; Death.
InterPro; IPR001368; TNFR_c6.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          EMBL; M59377; AAA40464.1, -.
EMBL; X59238; CAA41922.1; -.
EMBL; X57796; CAA40936.1; -.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    EMBL; M60468; AAA39751.1; -.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Pfam, PF00531, death: 1.
Pfam; PF00020; TNPR_c6; 4.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PIR; A38634; GQMST1.
PIR; S16677; S16677.
PIP; S19021; S19021.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  P19438; 1EXT.
                                        SEQUENCE FROM N.A.
                                                                                                                                                                                                        SEQUENCE FROM N.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE FROM N.A.
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                                                                                                                                                                                               Receptor; Transmembrane; Glycoprotein; Repeat; Signal; Apoptosis.
SIGNAL
                                                                                                                                                                                                                                                                  IMMOR NECROSIS FACTOR RECEPTOR 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        N-SMASE ACTIVATION DOMAIN (NSD).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  168 CIIGIACAAIGACIGICCAGGCCGGCAGGAIACGGACIGCACGGAGI 217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        218 GTGAGAGGGGCTCCTCCACGGCTTCAGAAAACCACCTCAGAGAGTGCCTC 267
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        84 ysGluLysGlyThrPheThrAlaSerGlnAsnTyrLeuArgGlnGysLeu 100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           268 ACCTCCTAAATGCCGAAAGGAAATGGGTCAGGTGGAGATCTCTTGTTG 317
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               118 CACCCTCAAAATAATTCGATTTGCTGTACCAAGTGCCACAAAGGAACCTA 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            44 euGlyAspArgGluLycArdAspSerLeuCysProGlaGlyLysTyrVal 50
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                                                                                                                                                                                                                                                                                                  EXTRACELLULAR (POTENTIAL).
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0710020803020609 CH061;
                                                                                                                                                                                                                                                                                                                                                              CYTOPLASMIC (POTENTIAL).
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82.464 Percent Identity: 66.351
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                                                                                                                                                                                                                                                                                                                                                                                                     4 X TNFR-CYS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TNFR-CYS 2.
INFR-CYS 3.
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                                                                                                                                                                  PROSITE; PS50017; DEATH DOMAIN; 1.
                                                                                            PROSITE: PS00652: TNFR_NGFR_1: 3. PROSITE: PS50050: TNFR_NGFR_2: 3.
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ProDom; PD000771; TNFR_c6; 1
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                                                               SMART; SM00208; TNFR; 3.
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                               SMART; SM000005; DPATH;
                                                                                                                                                                                                                                                                                                                                                                                                                                     454 AA;
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*** ALCING AND THE THREAT IN LEGACY AND THE AND THREAT 
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PROTEINS SICH AS TRAPS, RIP AND POSSIBLY PROD, ARE RECKULED TO THIS COMPLEX BY THEIR ASSOCIATION WITH TRACE. THIS COMPLEX ACTIVATES AND LEAST IWO DISTINCT SIGNALING (ASSOCIATE) APPROACH AT SAMELARITY.

-1. SUBCELLUIAR FORTING A SA MOTEVITY.

SIMILARITY, CHARAINS A SA MOTEVITE HIS CHARANT FOR HISTORY.
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Buxaryota, Mataca, Chordata, Craniata, Vertektata, Bureleostomi;
Mammalia, Butherla, Rodentia: Schuroquathi, Kuildae, Murinae, Kattus,
NGRI_tav1D=10116;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   01-AUG-1991 (Re). 19, Created)
c1-MAR 1792 (N.C. 21, Last sequence update)
20-AUG-2001 (Rei. 40, Last amiotation update)
FUMCE HECEOSIS FACTOR RECEPTOR 1 PRETURSOR (PGO) (INF R1) (INF-R1)
                                                                                                                                                                                                                                                                                  HILL HILL HILL HILL HILLHILL HELLE HELLE 150
                                                                                                       318 CACASTGGACCGGACACCGTGTGTGCTAGGAAAGAACASTACCGGC 367
                                                                                                                                                                                                                                                 368 ATTALTGGAGTGAAAAGCTTTTGCAGTGGATTGAATTGGAGGTTTTGGTT 417
                                                                                                                                                                                                                                                                                                                                                                                      418 AATGGGACCGGGGCGCGCCGCCGCGCACACACACACACGCGGGGCAC 467
                                                                                                                                                                                                                                                                                                                                                                                                                        518 ACTOTAAGAAAQOOTGGAGTGGAGGTGTGTGTGTTA...GGGGATT 564
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                                                                                                                                                                          117 schnAlaAsptysAspthrValCysGlyCystysGluAshJinPheGluA 134
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461 AA
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ID TNR1_RAT STANDARD;
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modified and this statement is not removed. Usage by and for commercial
                       entities requires a license agreement (See http://www.isb sib.ch/announce.or send an email to license@isb-sib.ch).
                                                                                                                                                                                                                                                                                                     N-LINKED (GLONAC ) (POTENTIAL)
N-LINKED (GLONAC. . .) (POTENTIAL).
N-LINKED (GLONAC. . .) (POTENTIAL).
EH23G95450PH3202 CMC64;
                                                                                                                                                                                                                                                                                                                                                                                                                              IUMOR NECROSIS FACTOR RECEPTOR 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               118 CACCCTCAAAATAATTCGATTTGCTGTACCAAGTGCCACAAAGGAACCTA 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         88 .....GATAGTGTGTGTCCCCAAGGAAAATATATC 117
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CYTOPLASMIC (POTENTIAL).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Percent Identity: 64,762
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                51 GCTGTTGGTGGGAATATAGGGGTGAGGGGTTATTGGA.....
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TMFR CYS 2.
TNFR-CYS 3.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TNFR-CYS 4.
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                                                                                                                                                                            InterPro; IPR001368; TNFR_c6.
                                                                                                                                                                                                                                             Probom; PD000771; INFR_c6; 1.
                                                                                        EMBL: M63122; AAA12256.1; -.
                                                                                                                                                       InterPro; IPROCO488; Death
                                                                                                                                                                                                   Pfam: PF00531; death; 1. Tefam: PF00020; TNFR_c6; 4.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-525-998A-11 x TNR1_RAT
                                                                                                                                                                                                                                                                                           SMARI; SM00208; INFR; 3.
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                                                                                                                                                                                                                                                                      SMART; SM00005; DEATH;
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                                                                                                             PIR; B36555; B36555.
                                                                                                                                    HSSP: P19438; ITNE
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Submitted (FEB-1997) to the EMBL/Genbank/DDBJ databases.

1- FUNCTION: KECEPTOR FOR TNF ALPHA. THE ADAPTOR MOLECULE FADD RECRUITS CASPARSE B TO THE ACTIVATED RECEPTOR. THE RESULTING ACCRECATE CALLED THE DEATH INDUCING SIGNALING COMPLIX (DISC) PERFORMS CASPASE-B PROTBOLYTIC ACTIVATION WHICH INTITIATES THE SURSEQUENT CASCADE OF CASPASES (ASPARTATE-SPECIFIC CYSTEINE PROTEASES) MEDIATING APOPTOSIS (BY SIMILARITY).

1- SUBUNIT: TWE BINDING TO THE EXTRACELLULAR DOMAIN OF TNER! LEADS TO HOMOTEMERIZATION ON'E ASSERBATED THE RECEPTORS DEATH DOMAINS PROTEIN WITH THE DEATH DOMAIN OF TRADD. VARIOUS TRADD. ARE RECRUITED TO PROTEINS SUCH ASS TRADS, RIP AND POSSIBLY FAID). ARE REFRITTED TO THEIR COMPLEX.
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20-AUG-2001 (Rel. 40, Last annotation update)
TEMER NECHOLS FACTOR RECEITOR 1 PRECISES (160) (THE RI) (THE RI)
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Mammalia, Eutheria, Cetartiodaetyla, Rumihantia, Pecera, Hovoidea,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Lee E.-K., Talyor M.J., Kehrli M.E.; "Cloning of cDNA encoding bovine tumor necrosis factor-receptor I
                                                                                                                                                                                                                    268 AGCTGCTCCAAATGCCGAAAGGAAATGGGTCAGGTGGAGATCTCTTGTTG 317
                                                                                                                                                                                                                                                                                                                                                                                                                                101 SerCysLysThrCysArgLysGluMetPheGlnValGluIleSerProCy 117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                318 CACANTHRAPPORTURA (ACTAINMENT OF THE CACANA AND CONTRACT OF THE CACANA AND CACA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   368 AITATIGGAGIGAAAACCIIIICCAGIGCFICAATIGCAGCCICIGCCFC 417
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                                            218 GIGAGAGGGGTGGTFCAGGGTTCAGAAAACGAGTGAGAGAGAGTGGGTC
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20-A05-2001 (Rel. 40, Last sequ
20-A05-2001 (Rel. 40, Last anno
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019131;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        BY SIMILARITY.
BY SIM
                                -1- SIMITARITY: CONTAINS A LA-NSEP/TNER-TYPE CYSTEINE-RICH REGION.
-1- SIMILARITY: CONTAINS I DEATH DOMAIN.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Transmembrane, Glycoprotein, Repeat, Signal, Apoptosis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         .) (POTENTIAL)
                                                                                                                                                                                                                                                 TUMOR NECROSIS FACTOR PECEPIOR 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          POTENTIAL. CYTOPLASMIC (POTENTIAL).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Percent Identity: 64.455
                 SUBCELLULAR LOCATION: TYPE I MEMBRANE PROTEIN.
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NF-KAPPA B SIGNALING (BY SIMILARITY).
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PROSITE; PS50017; DEATH_DOMAIN; 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                           PROSITE; PS00652; TNFR_NGFR_1; 3.
PROSITE; PS50050; TNFR_NGFR_2; 2.
                                                                                                                                                                                                                                                                                                                                                  Pfam: PF00531; death; 1.
Pfam: PF00520; TNFR_c6; 3.
Probom: P10000771; TNFR_c6; 1.
SMART: SM00005; DEATH; 1.
SMART: SM00208; TNFR; 3.
                                                                                                                                                                                                                                                                                                          InterPro; IPR000488; Death.
InterPro; IPR001368; INFR_c6.
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                                                                                                                                                                                                                                                                     EMBL; 090937; AAB65143.1; -.
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SIGNAL
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IRANSMEM
DOMAIN
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01.JIN-1994 (Rot. 29, Lasi sequence update)
S.AMC-2001 (Vol. 1asi annotation update)
IXMENDIOXIN BERA REDEPICE PRESUMESIR (TUMOR NECREIS FACIOR RECEPTOR
2. MELATED PROTEIN) (TUMOR NECROSIS PACIOR (CRETEFICE).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Baens M., Chailanet M., Cassiman J.J., den Berahe H., Marynen P., "Construction and evaluation of a hnchNA library of human [2p transcribed sequences derived from a somafic ceil hybrid."; Genemics 16:214-218(1993).
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Ehrenfels B., Frowning J.L., Din W.S., Goodwar E.G., Swith C.A.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryoda, Medassa, Otordata, Orandata, Vertekrada, Euteleostomi,
Mammalla: Butheria: Primates: Catarihini: Hominidae: Homo.
                                                                                                                                                                                                                                                                                                        368 ATTATTGGAGTGAAAAGCTTTTGGAGTGGAATTGGAGGTGTG 417
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                                                                                                                                                                                                                                                                                                                                                                                                                   101 SerCysSerArgCysArgAspCluMetPheGlnValGluffeSerProCy 117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 318 CACAGIGGACCGGGACACCGIGICIGGCIGGAGGAAGAACAATACCGGC 367
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                                                                                            118 CACCCTCAAAATAATTCCATTTCCTGTACCAAGTGCCATAAAAGAATTA 167
                                                                                                                                                                                   168 CITSIACIANION ISLUMASSUBSOSCIACIAINOSA LOTAGGRASI 217
34 rodlyAspLeadlaLySArqGluSerProdysProGludlyLysTyrAsa 50
                                                                                                                    ST HISPTOGIAAsaderthettedyschattysdystistysdyfatty 97
                                                                                                                                                                                                                                  67 rleaffrashAspTsProClyProClyArgAspThrAspCysArgValC 84
                                                                                                                                                                                                                                                                             218 GIGAGAGGGGTIFCIICACGGGTTFCAGAAAACGAGGIFAJAFAGIGGGIG
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MEDLINE-93252381; PubMed-8486360;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDLINE-94225209; PubMed-8171323;
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01-JUN-1994 (Rel. 29, Last sequ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NCB1_Tax1D=9606;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FUNCTION.
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464 GCACC
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                       -!- FUNCTION: RECEPTOR FOR THE LYMPHOTOXIN-BETA, POSSIBLE FUNCTION IN
                                                               SIMILARITY: CONTAINS A LA-NGFP/TNFP-TYPE CYSTEINE-RICH REGION.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ( POTENTIAL).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (POTENTIAL)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                129 TAATICGATIIGCIGIACCAAGIGCCACAAAGGAAGCIACTIGIACAATG 178
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            9 GluAsnGlnthrCysArgAspGlnGluLysGluTyrtyrClaProGlnHi 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         33 GCCACTGGTGGTGGTGGTGTTGGTGGGAATATACOCCTCAGGGGTTA 82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       22 heGlyLeuLeuAlaAlaSerGlnFrcGlnAlaValFrcFrcTyrAlaSer 38
                                                                                                                                                                                                                                                                                                                                         LYMPHOTOXIN-BETA RECEPTOR. EXTRACELLULAR (POTENTIAL).
                                                                                                                                                                                                                                                                                                                   Transmembrane; Glycoprotein; Repeat; Signal.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     624526Ec022Fe56F CRC64;
                                                                                                                                                                                                                                                                                                                                                                               CYTOPLASMIC (POTENTIAL)
                                                   SUBCELLULAR LOCATION: TYPE I MEMBRANE PROTRIN.
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                                                                                                                                                                                                                                                                                                                                                                                               4 X TNFR-CYS.
"A lymphotoxin-beta-specific receptor.";
Science 264:707-710(1994).
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TNFR-CYS 4.
                                                                                                                                                                     or send an email to licensewish-sib ch).
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Probom; PD000771; TNFR_c6; 1.
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US-09-525-998A-11 x FNRC_HUMAN
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                                      IMMUNE DEVELOPMENT.
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                                                                                                                                                                                                                                                                                                                   Receptor;
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Kitson J., Raven T., Jiang Y.-P., Goeddel D.V., Giles K.M., Pun K.-T., Grillam C.J., Brown R., Farrow S.N.;
A death domain-containing receptor that mediates apoptosis.";
Nature 384:372-375(1996).
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MSL-1 PROTEIN PRETURSOR (APOPTOSIS-MEDIATING RECEPTOR DR3) (APOPTUSIS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIATING RECEPTOR TRAMP) (DEATH DOMAIN RECEPTOR 3) (WSL PROTEIN) (APOPTOSIS INDUCING RECEPTOR AIR) (APOPTOSIS INDUCING RECEPTOR AIR) (APOPTOSIS
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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MEDLINE=97081063; PubMed-8875942;
Chinnaiyan A M , O'Rourke K , Yu G -L , Tyons R H , Garg M.,
Duan D.K., Xing L., Gentz R., Ni J., Dixit V.M.,
"Signal transduction by DR3, a death domain-containing receptor related to TNFR-1 and CD95.";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               229 ATGCCGAAAGGAAATGGGTCGGTCGAGATGTGTTGTTGTTGGAGAGGGGACG 328
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  120 rgLysThrGlnCysArgCysGlnProGlyMetPheCysAlaAlaTrpAla 136
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TGPCATGPAGGTTFPTTTATAGAGAAAAGGAGTGFGTGTGC 510
                                                                                179 ACTIGTCCAGGCCCGGGGCAGGATACGGACTIGCAUGGAGTGTGAGAGCGGC 228
                                                                                                                                                                                                                                           229 TOCTTCACOCITICAGAAAACCACCICAGACACLGCCCAGCICACCICCAA 278
                                                                                                                                                                                                                                                                                                                   87 SerTyrAsnGluHisTrpAsnTyrLeuThrlleCysGlnLeuCysArgPr 103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      103 oCysAspProValMetClyLeuGluGluIleAluProCysThrSerLysA 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          167 ysValProCysLysAlaGlyHisPhe.....GlnAsnThrSerSerPro 181
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55 sArg...IleCysCysSerArgCysProProGlyThrTyrValSerAlaL 71
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                                                                                                                                                       71 yscys...SerArglleArgAspThrValCysAlaThrCysAlaGluAsn
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THERSF12 OF WELL OF WSL OR APO3 OR DR3 OR DDR3.
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Submitted (JAN-1997) to the EMBL-Charack-Chenical Batalages Submitted (JAN-1997) to the EMBL-Charack-Chenical Batalages APOPTOSIS AND ACTIVATES NUCLEAR FACTOR KAPPA-B-I-DIRECTLY INTERACTS WITH TRAND ADAPTATOR MOLECULE. MAY PLAY A POLF IN PECHICATING LYMPHOCYTE HOMEOSTASIS.

-1-SUBUNIT: HOMODIMES, INTERATS STRONGLY VIA THE DEATH DOMAINS WITH THE INFN-ASSOCIATED MOLECULE TRAID AND THE THREY EXCEPTION TO ACTIVATE AT LEAST TWO DISTINCT SIGNALING CASCADES, APOPTOSIS AND
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MEDLINE-2705333; PubMed-2919;
Bodmer J.-L., Burns K., Schneider P., Hofmann K., Steiner V.,
Thome M., Bornand T., Hahne M., Schroeter M., Wilson A., French L.E.,
Browning J.L., Macdonald H.R., Tschopp J.,
French L.E.,
French L., Macdonald H.R.,
French L.,
French L.
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SURFIELLIAR LOCATION: TYPE I MEMBRANE PROTEIN (POTENTIAL).
ALTERNATIVE PRODUCTS: 3 ISOFOPRS; WSL-1/IARD-1A (SEGNH HERE),
WSL-SI/IARD-3 AND WSL-S2; ARE PRODUCED BY ALTERNATIVE SPLICING.
TISSUR SPROTECTIVE AND WINDAMITY PERPRESENT IN THYMOGYTES AND
LYMPHOCYTES, DETECTED IN LYMPHOCYTE-RICH TISSURS SUCH AS THYMUS,
                                                                                                                            SEQUENCE FROM N.A. Lin W.S., Cosman D., Smith C.A., Goodwin R.G.; Submitted (JAN-1997) to the FMRF Asspank/FNFR databases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDELME STIARSON: PubMed-Rudgary:
Marsters S.A., Sheridan J.P., Donahue C.J., Pitti R.M., Gray C.L.,
Goddard A.D., Bauer K.D., Ashkenazi A.;
App. S. a new momer of the tumor necrosis factor receptor family,
contains a death domain and activates apoptusis and NF-kappa-B.;
Curr. Biol. 6:1669-1676(1996).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SIMILARITY: CONTAINS A LA NUFF/INFF-IYPE CYSTEINE-FICH REGION. SIMILARITY: CONTAINS I DEATH DOMAIN.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Screaton G.R., Xu X.-N., olsen A.L., Cowper A.E., Tan R.,
McMichael A.J., Bell J.L.;
"LARD: a new lymphoid-specific death domain containing receptor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COLON, INTESTINE, AND SPLEEN. ALSO FOUND IN THE PROSIATE. PTM: GLYCOSYLATED (PROBABLE).
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Proc. Natl Acad Sci H S A 94.4615-4619(1997).
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Science 274:990-992(1996)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Immunity 6:79-88(1997).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE FROM N.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE FROM N.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        IISSUE-Brain:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         IISSUE-Heart
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIINE 9723
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STIGSCPERĞAAVCHWEMFWWWYLLAGLVVPELLGA ->
VLGFGAPGWRCGEPEAWGHFLLHIPFLLASQAFGYCR (IN
                                                                                                                                                                                                                                                                                                                                                                            MISSING (IN ISOFORM WSL-SI).
MEWVOVILAGI VVETILGALI LYTYBHCWPHKPLVIALEAG
MEALTEPPAIHIS -> SEWYAGNAFGEIGMORGEAGEGG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    D AA. SCRPERSTEN ON DIMERIZATION, AND INFRI INTERACTION.

P P > 4AA (1N PEP. 5).

P > 1 (1N PEF. 5).

P > 1 (1N PEF. 6 AND 7).

A > K (1N PEF. 1).

A > 1 (1N PEF. 1).

A > 1 (1N PEF. 1).
                                                                                                                                                                                                                                                                                                                                                                                                                                                         1.->A: SUPPRISSES HOMODIMERIZATION, TNFR1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RTIERACTION, AND ASSESSES HEROCTION, AND TAKES HOMODIMERIZATION, AND THER INTERACTION.
                                                                                               FRASTE, FSOGES, THER MODEL, 2.
PROSTE, FSOGES, THERMONEL, 2.
PROSTE, PSSOGES, THE MODEL, 1.
PROSTE, PSSOOT, DEATH_DOWALN, 1.
ROCCPTOF, Apoptosis, Alternative splicing, Dansmembrancy Signal,
                                                                                                                                                                                                                                                                                                             N LINKED (GLENAT. . .) (POTENTIAL).
N-LINKED (GLENAE. . .) (POTENTIAL).
                                                                                                                                                                                                                                                                                                                                                                                                                   NHPIPISCEGCSGSRCSWLALWSPSCLGPP (IN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               93 TGTGTGTCCCCAAGGAAATATATCCACCTCAAAATAATFCGAAATAGCT 142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 143 GTACCAAGIGCTACAAAGSAACTIACIIGIACAAIGACIGIC AGGCCG 192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         48 ysArqGlyCysProAlaGlyHisTyrLeuLysAlaFroCys111 31uPro 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         43 CTOCTGGAGCTGTTGGTGGGAAIATACCCCTCAGGGTTATTTTATATAT 92
                                                                                                                                                                                                                                                                                                                                                                                                                                           MISSING (IN ISOFORM WELL S.)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      31 OArgCysAspCysAlaGlyAspPheHislysLysTleGlyLeuPheCysC
                                                                                                                                                                                WSL 1 PROIEIN.
EXTRACELULAR (FOIENTIAL)
                                                                                                                                                                                                          PELENTIAL.
OYIONIASMIC (PERHIAL).
                                                                                                                                                                                                                                                                                                                                                                                                                               ISOFORM WSL-S2)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     54.839 Percent Identity:
                                                                                                                                                                                                                                                                                                                                                                ISOFORM WSL-S1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Aliquated 1/1 to. WELL_HUMAN from: 1 to: 417
                                                                                                                                                                                                                                    4 X INFR-CYS.
                                                                                                                                                                                                                                                 TMFR CTS 1.
                                                                                                                                                                                                                                                                                   INFR-CYS 4.
                                                                                                                                                                                                                                                                        TNFR-CYS 3.
                                                                                                                                                                                                                                                                                                   DEATH.
                                                   InterPro, IPR000488; Death.
InterPro, IPR001358; INFR_c6.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           15385 MW;
EMBL: 075381; AACS1193.1; ...
EMBL: 083597; AAB41432.1; -..
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-525 998A 11 x WS11_HUMAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Quality: 209.50
Ratio. 2.054
Percent Similarity: 54.839
                                                                                           INFR (16)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    312
378
381
                                                                                                                                                                                                                                  356
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          167
                                                                            Pfam; PF00531; death:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           60
167
312
370
417 AA:
                            HSSP; P19438; LINE.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                356
                                                                                          PF00020;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 aliqnment_scores:
                                        MIM: 603366;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               alignment_block
                                                                                                                                                                                             DOMAIN
TRANSMEM
                                                                                                                                                                                                                                                                                                                                                                           VARSELLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CONFLICT
CONFLICT
CONFLICT
                                                                                                                                                                                                                                                                                                                                                                                                                                          VARSPLIC
MUTAGEN
                                                                                                                                                                                                                                                                                                              CARBOHYD
                                                                                                                                                                                                                                                                                                                           CARBUHYD
                                                                                                                                                         Repeat.
Signal.
                                                                                                                                                                                                                                                                                                                                      VARSPLIC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CONFILECT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE
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                                                                                                                                                                                                                   DOMA I N
                                                                                                                                                                                                                                              KULTAT
REPEAT
REPEAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MUTAGEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MUTAGEN
                                                                                                                                                                                                                                                                                                  DOMAIN
                                                                                                                                                                                CHAIN
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193 GGGTAGGATAGGGAGTGTAGGAGTGTHIAGAGTGGGGGGGGTGTTATTGT 242

EMBL: Y09392; CAA70561.1; -.

CAA70559.1; CAA70560.1;

Y09392;

Y09392;

U72763; AAC50819.1; AAB41434.1;

AAB41435.1; AAB40918.1: U74611; AAB39714.1;

U83600; 078029;

EMBL;

083599;

AAC51306.1; AAC51309.1; AAC51192.1;

U94501; 7

075380;

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MEDLINE—89096909 PubMed-2850481:
Sehqal A , Pafil N , Chao M ,
"A constitutive promoter directs expression of the nerve growth factor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           01-AUG-1988 (Rel. UB, Created)
01-AUG-1988 (Rel. OB, Last sequence update)
20-AUG-2001 (Rel. 40, Last angulation update)
LOW-ARE-2001 (Rel. BROWER GROWTH FACTOR REPERTOR PROEPTOR)
(GP80-LNGFR) (P75 ICD).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SURCELLULAR LOCATION: TYPE I MEMBRANE PROTETTN
PINE, N. - AND O-GLYCOSYTATED AND IS PHOSPHORYLATED ON SERINE.
SIMILARITY: CONTAINS A LA-NGER/YNER-TYPE CYSTEINE-RICH REGION.
SIMILARITY: CONTAINS I DEATH FORMIN.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Homo sapiens (Human).
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 , Mercer E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NT-3, AND NT-4.
SHRUNIT: NGE BECEPTOR CAN FORM A HOMODIMER THROUGH DISULFIDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        !- FUNCTION: LOW APPINITY RECEPTOR WHICH CAN BIND TO NGP, BINE,
                                                                                                                                                                                                                                                                                                              178 rCysProThrSerThrLeuGlySerTysProGlu... ArgcysAlaA 193
                                          243 AGAAAACCACCTCACA . CACTGCCTCAGCTGCTTCAAATGCCGAAAGG 289
                                                                                                                       290 AAATGGGTAAGGTGGAAATGTTGTTGTTGAAGGGGAAAGGGGAAAAAGGAA
                                                                                                                                                               98 .nAlaScrCirValAlaLeuGluAsnCrsScrAlaValAlaAspThrArg 114
                                                                                                                                                                                                        340 mgTgggTgiAgitAAGiAAGIAGTAGIAGIAATATTGGAGTGAAGGTTTTTTTTT +89
                                                                                                                                                                                                                                              GlnValSe 128
                                                                                                                                                                                                                                                                                                                                                                      162 CysGlyThrCysLeuProGlyPheTyrGluHisGlyAspGlyCysValSe 178
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AGTAACTGTAAGAAAGGCTGGAGTGCAGGA 544
                                                                                                                                                                                                                                                                                     TTCAATTTCAGCCTCTCTCAAAT G 421
65 CysclyAsnSerThrCysLeuValCysProGlnAspThrPheLeuAlaTr 81
                                                                                 81 pGluAsnHisHisAsnSerGluCysAlaArgCysGlnAlaCysAspGluG 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDLINE-87051725; PubMcd-3022937;
Johnson D., Lanahan A., Ruck C.R., Sehqal A., Morgan C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Expression and structure of the human NGF receptor ";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           427 AA.
                                                                                                                                                                                                                                              115 CysolydysEysProdlyTrpPhoValGludys
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRT;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                receptor gene.";
Mol Call Hiol 8-3160-3167(1988).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               seq_name: SwissProt_39:NGFR_HUMAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE OF 1-22 PROM N.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           S'TANDARD;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Ceil 47:545-554(1986).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Bothwell M., Chao M.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   seq_documentation_block.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE FROM N.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    BUND FORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NGFR OR TNFRSF16.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                545 AGTTGTGC 552
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         193 JaValCys 195
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NCBI_TaxID-9606;
                                                                                                                                                                                                                                                                                                                                                                        422 GGACCGTGCA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               510 CTGT.....
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NGFR_HUMAN
P08138;
                                                                                                                                                                                                                                                                                       390 CCAGTGC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ) (POTENTIAL).
                                                                                                                                                                                                                                                                                                LOW-AFFINITY NERVE GROWTH FACTOR
                                                                                                                                                                                                                                                          Receptor, Neurogenesis, Transmembrane; Glycoprotein; Repeat;
Phosphorylalin; Signal
SIGNAL 1 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               84 TGGAGATAGTGTGTCCCCCAAGGAAATATATCCACCCCCAAAATAATT 133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             134 CGATTTGCTGTACCAAGTGCCACAAAGGAACCTACTTGTACAATGACTGT 183
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SerG 41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  34 CCACTGGTGCTCCTGGAGCTGTTGGTGGGAATATACCCCTCAGGGGTTAT 83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        13 ProArgLeuLeuLeuLeuLeuLeuGlyValSerLeuGlyGly..... 27
                                                                                                                                                                                                                                                                                                           RECEPTOR. EXTRACELLULAR (POTENTIAL).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                N-LINKED (GLUNAC ) (PO
B09FA143FB3D625B CKC64;
                                                                                                                                                                                                                                                                                                                                        CYTOPLASMIC (POTENTIAL).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          \begin{array}{ccc} Length; & 194 \\ Gaps; & 12 \\ Percent (dentity: 31 443) \end{array} 
                                                                                                                                                                                                                                                                                                                                                                                                                          BY SIMILARITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Align seg 1/1 to NGFR_HIMAN from 1 to: 427
                                                                                                                                                                                                                                                                                                                                                         4 X TNFR-CYS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            28 AlatysGluAlaCysProThrGlyCouTyrThrHis
                                                                                                                                                                                                                                                                                                                                                                             TNFR-CYS 2.
TNFR-CYS 3.
TNFR-CYS 4.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEP/THP-PICH
                                                                                                                                                                                                                                                                                                                                                                   TNFR-CYS 1.
                                                                                                                                                                                                                                                                                                                                 POTENTIAL.
                                                                                                                                                                                                                                                                                                                                                                                                                  DEATH.
                                                                                                                                                                                                                        PROSITE; PSGUNS, TNPR NGFR_1; 3. PROSITE; PSSGUT7; DEATH_DOMAIN; 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            45183 MW;
                                                                                                                                                               Interpro; IPR001368; TNFR_C6.
Pfam. PF0053; death; 1
Pfam. PF0020; TNFR_C6, 4.
SMATT. SM00005; DEATH; 1.
SMART; SM00008; TNFR; 3.
                                                                                           EMBL, M14764; AAR59544.1; -. EMBL, M21621; AAA36363.1, -.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             =
                                                                                                                                                    InterPro; IPP000488; Death.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         alignment_block:
ns-n9-525-998A-11 x NGFP_HUMAN
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55.670
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Quality: 207.50
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107
107
44
108
644
883
100
100
100
100
100
100
100
100
100
                                                                                                                                                                                                                                                                                                                                 272
1.7
189
                                                                                                                                                                                                                                                                                               427
                                                                                                                   PIR; A25218; GQHUN.
HSSP; P07174; 1NGR.
MIM, 163010; -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           427 AA;
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                                                                                                                                                                                                                                                                                                                                                                  Percent Similarity:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patio.
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                                                                                                                                                                                                                                                                                                                               TRANSMEM
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE
                                                                                                                                                                                                                                                                                                                                                                                           REPEAT
REPEAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DOMAIN
                                                                                                                                                                                                                                                                                                                     NIAMOG
                                                                                                                                                                                                                                                                                                                                              D: WAIN
                                                                                                                                                                                                                                                                                                                                                        DOMAIN
                                                                                                                                                                                                                                                                                                                                                                                REPEAT
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                                                                                                                                                                                                                                                                                                                                                                   REPEAT
                                                                                                                                                                                                                                                                                                CHAIN
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Liepinsh E., Ilag L.L., Otting G., Ibanez C F; "NMR structure of the death domain of the P75 neurotrophin receptor.";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Metsis M., Timmusk T., Allikmets R., Saarma M., Persson H.;
"Requlatory elements and transcriptional regulation by Festosforone
and relinoic acid of the rat berge growth factor receptor promoter";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryota, Metazda, Chordata, Craniata, Vertebrata; Euteleostomi;
Mammalia, Eutheria, Rodentia, Scintognathi; Muridae, Murinae; Rattus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Radeke M.J., Miske T.P., Hsu C., Herrzenberg L.A., Shander E.M.; "Gene transfer and molecular cloning of the rat nerve growth factor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  01-APR-1988 (Rel. 07, Created)
1-APR-1988 (Rel. 07, tast sequence update)
20 AUG-2503 (Rel. 46, tast annotation update)
IGW-APFINITY NEWLE GROWTH FACTOR REPERTOR PRECURSOR (NGF RECEPTOR)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                116 pGluThrThrClyArg^ysGluAlacysArgValCysClsAlaclySerG 133
                                                                                                                                                                                                                                                                                                                                             184 CHAGGCCCGGGGAGGATAGGAATTGAAGGAATTGT GAGAGGGGGGTTG 23.0
                                                                                                                                                                                     AlaTyrClyTyrTyrClnAs 116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 427 . GEGCACCTCTCCTCCTCAGGAGACACACACCCCCCCCCC...ACCCCC 471
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              133 lyLeuValPheSerCysGlnAspLysGlnAsnThrValCysGluGluCys 149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AACGAGTGTGTCTC 509
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   150 ProAspôlyThrTytScrAspôluAlaAshHisValAspProfyslocPr 166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       166 oCysThrValCysGluAspThrGluArgClnLeuArgGluCysThrArgT 183
                                                                                                    58 ...GlyAlaAsnGln...ThrValCysGluProCysLeuAspSerValTh 72
41 lyGluCysCysLysAlaCysAsnLeuGlyGluGlyValAlaGlnProCys 57
                                                                                                                                                                                                                                            72 rPheSerAspValValSerAlaThrGluProCystysProCysThrGluC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            378 IGAAAAGGIIFFGCAGTGCIICAAIFGCAGNYTGTGAYTGAA1GGAAA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    425 AA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            472 CAIGCAGGTTTCTTTCTAAGAGAA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  103 AspAspAlaValCysArgCys.
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SEQUENCE OF 1-22 FROM N.A.
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ID NGFP_RAT STANDARD;
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                                                                                                             -1- SUBCELLULAR LOCATION: TYPE I MEMBRANE PROTEIN.
-1- STML ARD G SLYCCSTATED AND IS FORDERSTATED ON SERINE.
-1- SIMILARLITE CONTAINS A LA-NOSECINE-TYPE CYSTEINE-ROOM REGION.
-1- SIMILARLITE CONTAINS I DEATH DOMAIN.
EMBO J. 16.4959 5005(1997).
-!- FUNCTION: LOW AFFINITY RECEPTOR WHICH CAN BIND TO NSF, BDNF.
-!- SUBJUTY.
-!-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LOW-APPINITY NERVE GROWIH FACTOR
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PROSTIE, PSÖGGS TNER_NGER_2: 4.
PROSTIE: PSSOGSO TNER_NGER_2: 4.
PROSTIE: PSSOGSO TOWALN: 1.
PROSEIT: Neurofeussis: Transmentrane: Glycoprotein: Repeal:
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EXTRACELLULAR (POTENTIAL).
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Pfam; PF00531; death; 1.
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EMBL; X61259; -; NOI_ANNO
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PDB; INGR: 29-JUL-97.
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Upton C., Delange A.M., McRadden G. "Tumorigenic poxyliuses, genomic organization and DNA sequence of the telometic region of the Shope fibroma vitus genome."; Virology 160:20-30(1987).
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Vituses, dsDNA vituses, no kNA stage, Poxviridae; Chordopoxvirinae;
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Smith C.A., Davis T., Wignall J M . Din W.S , Parrah T , Upton C
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01-MAY-1992 (Rel. 22, Last Septence applate)
15-JUL-1999 (Rel. 38, Last annotation update)
TUMON NETROSIS FATION SOLURIE RETEPTOR PREDIUKSOF (PHOFEIN T2)
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                                                                                           90 EAGTGTGTCCCCAAGGAAAATATACACCCCGAAAATAATTC139
                                                                                                                                          30 sGluthrCysSerThrGlyLeuTyrThrHis.....SerGlyGluC 44
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40 CHICCHOCHGGAGOTICHTCHTCCCAATATACCCCTICAGGGGGTTATTGGAGA 89
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McFadden G., Goodwin R.G.;
"T2 open reading frame from the Shope fibrama virus encodes a soluble
form of the TNF receptor";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TUMOR NECROSIS FACTOR SOLUBLE RECEPTOR.
                                                                                           Biochem. Biophys. Res. Commun. 176:335-342(1991).
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TNFR-CYS 4.
TNFR-CYS 4.
N-LINKED (GLCNAC. . ) (POTENTIAL).
                                                                                                                                                                                             ANTIVIRAL EFFECTS OF THE CYTORINE. SIMILARITY: CONTAINS A LA-NGFR/TNFR-TYPE CYSTEINE-RICH REGION.
                                                                                                                                                                  PFACH CELIDIAR TARGET AND THEREBY DEAMPENING THE POTENTIAL.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        810530339198A71E CRC64;
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51.232 Percent Identity: 29.064
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SIGNAL 16 16 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         EMBL, M17433, -; NOT_ANNOTATED_CDS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PROSITE; PS00652; TNFR_NGFR_1; 2. PROSITE; PS50050; TNFR_NGFR_2; 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   InterPro: IPP001368; INFP_c6.
Pfam; PP00020; INFP_c6: 2.
ProDom; PP000771; INFR_c6: 1.
SMART; SMU0208; INFR; 3.
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US-09-525-998A-11 x VT2_SFVKA
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HSSP; P19438; 1TNR.
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Percent Similarity:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDLINE-9133768; PubMed-1451597; Upton G.; Wacen J.L., Schreiber M., McPadden G.; Macen J.L., Schreiber M., McPadden G.; Macen J.L., Schreiber M. a secreted protein with homology to the tumor necrosis factor receptor gene lamily that contributes to viral
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Myxoma virus (strain Lausanne).
Viruses: dsDNA viruses, no ENA stage, Pexviridae, Cherdepoxvirinae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 - FUNCTION: BINDS TO INF. ALPHA AND BETA. PROBABLY PREVENTS TWF TO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          -!- SIMILARITY: CONTAINS A LA-NGEK/INFR-IYPE CYSIEINE-RICH REGION.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  01-APR-1993 (Rel. 25, Created)
01-APR-1993 (Rel. 25, Last sequence update)
15-JUL-1999 (Rel. 38, Last annotation update)
IUMOR NECEOSIS FACTOR SOLUBLE PECEPIOS PPECUPSOR (PROTEIN T2)
                                                             298 CAGGIGGAGAICICILILGOACAGIGGACCGGGGACACACAGGGTGTGGGCTG 347
                                                                                                       GluSerGlnProCysAspArgThrHisAspArgValCysAsnCy 106
                                                                                                                                                    348 CAGGAAGAACTAGTAGTAGTATTATTAGAGTGAAAAGCTTTTGCAGTGCT 397
                                                                                                                                                                                           106 sSerThrGlyAsnTyrCysLeuLeuLysGlyGlnAsn.....118
                                                                                                                                                                                                                                          398 TCAATTGCAGCCTCTGCCTCAATGGGAATGTGTAAATTGTGGAAGAG 447
                                                                                                                                                                                                                                                                                                                                 448 AAACAGAACACGIGIGCACTIGCCAIGCAGGITICTITCIAAGAGAAAA 497
                                                                                                                                                                                                                                                                                                                                                                            498 CGAGTGTGTGTGCTGTAGTAGTAGAAAAGCCTGGAGTGCAGGAAGT 547
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CAGAATGTTAAGGGCACTGAGGAGTGA 591
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                                                                                                                                                                                                                                                                  C!YYsarg'!cCysAlaProClafhr.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                138 sThrArqAlaGlyAspThrLeuCysGluLys......
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InterPro; IPR001368; TNFR_c6.
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seq_name: SwissProt_39:VT2_MYXVL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Virology 184-370-382(1991)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STANDAPD;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             548 IGIGCCTACCCCAGAIT...
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TUMOR NECROSIS FACILIR SCIUDELE RECEPTUR
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N-LINKED (SICNAT. ...) (POLENITAL).
H. LINKED (SICNAT. ...) (POLENITAL).
N. LINKED (SICNAT. ...) (POLENITAL).
ARREFORD (SICNAT. ...) (POLENITAL).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              82 ATTGGAGAIAGIGIGIGIGCCCAAGGAAAAIAIAICAAGGGAAAAIA 130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  131 ATTCGATITIONIONACTAGGGACAAAGGAAGGIACTIGTAGAAIGAC 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           181 TGTGCAGGCCC-FrankAdalActacActorAssAasisIGAsAACGSCTC 230
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    116 yCladluSlyCysAralleCysAlaFrobysIntlysCysFroAlasiyT 13*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           133 ,131, Valger J. HisThiAiqThiOlyAspValLemySThiLySCys 149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  364 ... CGGCAITATTGGAGTGAAAACCITTTG AGBGCILGAAITGBAGGGT 410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       166 rSerPheAsnTyrileSerValGluPheAsnLenTyrProValAsnAspT 183
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    458 POSTGIGGACHSPRATGCAGGIIICHTIPIAAGAGAAAARSAACHSPIGIG 567
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    231 CTICACCGCTICACAAAAACCACCICAGAAAAACACIGAGTGAGTGAGTTGA 277
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             278 AATGCCGAAAGGAAATGGGTCAGGTGAGAIMIGITGITGTTWAGAGTGGAG 427
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100 ArgAspArgValCysAspCysSerAlaClyAsnlyrCysLeuLeutgsGl 116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          36 spolyLem()sCysThrSerCysProFroGlySerIyrAlaSerArgLeu 52
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                                                                                                                                                                                                                                                                                                                                                                                                                   Percent Identify: 25.
                                                                                                                                   4 X TNFK-CYS.
INFK-CYS 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Align seq 1/1 to: VI2_MYXVL trom: 1 to: 326
                                                                                                                                                                       INFR-CYS 2.
INFR-CYS 3.
INFR-CYS 4.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    328 CGGGACACCGIGITGIGGCIGCAGGAAGAACCAGIAC.
SMART: SM0208: TUFR: 3.
PRUSTIE: PSGGGG. TWFR_MGFL:: 2.
PRUSTIE: PSGGGGG: TWFR_MFR_2: 2.
PRUSTIE: PSGGGGG: TWFR_MFR_2: 2.
PRUSTIE: Glycopicies. Refeat. Glacal.
16.
PGIENITAL.
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Pario: 1.659
Percent Similarity: 48.707
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Mol. Cell. Biol. 11:3020-3026(1991).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia; Eutheria; Rodenia; Sciuroquathi: Muridae, Murinae, Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Lewis M., Tartaqila L.A., Lee A., Bennett G.L., Rice G.C., Wong G.H., Chen E.Y., Goeddel D.V., "Cloning and expression of CDNAs Lor two distinct murine tumor necrosis factor receptors demonstrate one receptor is species
       ProAsnaluValVal 195
                                                                             CAGTGCACCAACTT 548
                                                                                                                                           196 LysThrSerGluPheSerValThrLeuAsaHisThrAspCysAspPrcVa 212
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              01-MAY-1992 (Rel. 22, Created)
01-MAY-1992 (Rel. 22, Last sequence update)
15-JUL-1999 (Rel. 48, Last annotation update)
TUMOR NECROSIS FAYTOR PECEPTOR 2 PRECHESOR (INE-P2) (P75).
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Submitted (IAN-1996) to the PMRL/GERBARK/HPRE databases
                                                                                                                                                                                                             549 GTGCCTACCCANATTGACAATGTTAAGGACACACTGAGGCTCAGGC 594
                                                                                                                                                                                                                                                         212 ToheHistbardivgyTypeOlytheSerolySerolySerolyAladly 227
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Proc. Natl. Acad. Sci. U.S.A. 88:2830-2834(1991)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRT; 474 AA
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MEDLINE-91246168; PubMed~1645445;
                                                                         508 TCCTGTAGTAACTGTAAGAAAAAGGGTTG
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Ptam, PF00020; TNFR v6; 4.
                                                                                                                                                                                                                                                                                                                                                         seq_name: SwissProt_39:TNR2_MoUSE
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X87128; CAA60618.1; -.
183 hrseroysThrThrThrAladly
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                TNR2_MOUSE STANDARD;
P25119; P97893;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mus musculus (Mouse).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; X87128; CAA606
838634; H38634
                                                                                                                                                                                                                                                                                                                                                                                                                               seq_documentation_block:
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· · · ) (POTENTIAL).
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                                                                                                                                                         TUMOR NECROSIS FACTOR RECEPTOR 2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      97 IGLGCCGAAGGAAAATATATGGAGCTCAAAATAATGGATTTGCTGTAC 146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  294 GGGTTCAGGTTGGAGATCTCTTTGCAGAGTGGACCGGAGAGGGTGTGTG 343
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          120 laCysCluAlaClyArgTyrCysAlaLcuLysThrHis.....SerGly 134
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                151 IAIaSerSerArgAlaProAsnGlyAsnValLeuCysLysAlaCysAlaP 168
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 147 CAAGTIGGCACAAAAAAACTAACTITGTAAAACAATGACTIGTIGTIGGGGGGG 196
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    197 AGGATACGGANTGCAGGAGTGTGAGAGGGGCCCPCCCPCACCTTCAGAA 246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           89 AsnulaPbeArgThr@ysLeuSerCysSerSerSerTysThrAsp., 104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CGGCATTATTGGAGTGAA 381
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                382 AACCTTTTCCAGTGCTTCAATTGCAGGCTCTGCGCTCAATGGG...ACCGT 428
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                429 GCACCTICCTICCTICCAGGAGAACAGGACACCGTICTTTTTACCTICCGATG 475
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            40 CysGlnIleSerGlnGluTyrTyrAspArgLysAlaGlnMetCysCysAl 56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       72 erAspThrValCysAlaAspCysGluAlaSerMetTyrfhrGlnValTrp 88
                                                                                                                                                                                 EXTRACELLULAR (POTENTIAL).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   462HAF 19804116561 CPC64;
                                                                                                      Transmembrane, Clycoprotein, Repeat, Signal.
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CYTSPLASMIC (POTENTIAL).
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                                                                                                                                                                                                                                                          4 X TNFR-CYS.
                                                                                                                                                                                                                                                                                  TNFR-CYS 1.
                                                                                                                                                                                                                                                                                                             TNFR-CYS 2.
                                                                                                                                                                                                                                                                                                                                  TNFR-CYS 3.
TNFR-CYS 4.
        Prodout: Freeze, ...
SMART; SM00208; TNFR; 4.
PROSTTE; PS00652; TNFR_NGFR_1; 2.
PROSTTE; PS00652; TNFR_NGFR_2; 3.
                                                                           TNFR_NGFR_2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                50319 MW;
ProDom; PD000771; INFR_c6; 1.
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US-09-525-998A-11 x TNR2_MOUSE
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57.764
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                                                                                                                              181.00
                                                                             PS50050;
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Ratio:
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39
78
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165
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58
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                                                                             PROSTTE;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              -! - FUNCTION: RECEPTOR FOR THE LYMPHOTOXIN-BETA, POSSIBLE FUNCTION IN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Force W.R., Walter B.N., Hossion C., Tizatd B., Kozah C.A.,
Browning J.L., Ware C.F.;
"Mouse lymphotoxin beta receptor. Molecular genetics, Ligand binding,
and expression."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     "The murine lymphotoxin beta receptor CDNA: isolation by the signal sequence trap and chromosomal mapping."; Genomics 30:312-319(1995).
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mus musculus (Mouse).
Eukaryota: Metarea; Cherdata; Craniata; Vertebrata, Euteleestemi,
Mammalia; Eutheria; Rodentia; Seiurognathi; Muridae; Murinae; Mus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      -1 - SIMILARITY: CONTAINS A LA-NGFE/TNFE-TYPE CYSTEINE-RICH REGION.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE FROM N.A.
MEDLINE-96163885; PubMed-8586432;
Nakamura T., Tashiro K., Nazaréa M., Nakano T., Sasayama S.,
168 roGlyThrPhc....ScrAspThrThrSerSerThrAspValCysArg 182
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          EXTRACELLULAR (POTENTIAL).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LYMPHOTOXIN-BETA RECEPTOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        !- SUBCELLULAR LOCATION: TYPE I MEMBRANE PROTEIN.
                                                                                                                                                                                                                                                                                                          01-0CT-1996 (Rel. 34, Created)
01-0CT-1996 (Rel. 34, Last sequence update)
01-NOV-1997 (Rel. 35, Last annotation update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4 X TNFR-CYS.
                                                         526 ANANGCCIGGAGIGCACGAAGIIGIGCCIACCC 558
                                                                                                             183 ProHisArgileCysSerileLeuAlallePro 193
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TNFR-CYS 2.
INFR-CYS 3.
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                                                                                                                                                                                                                                                                                                                                                                    01-NOV-1997 (Rel. 35, Last annotation
LYMPHOTOXIN-BETA RECEPTOR PRECURSOR,
LIBR OR TNFOR.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDLINE-96072804; PubMcd-7594541;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Immunol, 155:5280 5288(1995).
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InterPro: IPR001368; TNFR_c6.
Plam; PF00020; TNFR_c6. 4
ProDom; PD000771; TNFR_c6. 1.
                                                                                                                                                                          seq_name: SwissProt_39:TNRC_MOUSE
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EMBL; L38423; AAB00846.1; -.
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                                                                                                                                                                                                                                                            STANDARD:
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                                                                                                                                                                                                                                    seq_documentation_block
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                                                                                                                                                                                                                                                      INPC_MOUSE
P50294;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               170 IProcystysProdiyHisPhe.....GlnAsnThiSerSerFroArdA 185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      92 GIGIGIGI...GO GAAGGAAAIAIAIGCACOCUAAAAIAAIIGGAII 138
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            107 ValleuGlyPheGluGluValAluPtoNysThrSerAspArdLysAluGl 123
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SUBJECT OF PAYA.

FINALLICA (JAN-1998) TO THE EMBL/GenBank/DDBJ databases.

FINALLICA (JAN-1998) TO THE PROPERTY A CYTOKINE LIGAND KNOWN AS FASE. THE ADAPTOR MOLECULE FADD RECENTIS CASPASE—8 TO THE ACTIVATED RECEPTOR. THE RESOLUTION ACTIVATION. ACTIVATION OF PREFITHERAL TOLERANCE, IN THE ANYIGHA-STIMULATED SULCIDE OF MATURE TOLERANCE, IN THE ANYIGHA-STIMULATED. SULCIDE OF MATURE TELELIS. WHEN PROTEIN.
                                                                                                                                                                                                                                                                                                                                                                                                           Bart ing B., Hoffmann I., Holtz J., Schulz B., Heusch C., Darmer D.; "MXpression of apoptosis associated genes in hibernating and stonned
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 DOMAIN. CONTAINS A DEATH DOMAIN INVOLVED IN THE BINDING OF FADD. AND MAYBE TO OTHER CYTOSCHLY ADAPPOP PROTEINS
-1. SIMILARITY: CONTAINS A LA-N:FF/TNEW-TYPE CYSTEINE-RICH RESIDN.
-1. SIMILARITY: CONTAINS I DEATH DOMAIN.
                                                                                                                                                                                            15-UUL-1999 (Rel. 38, Last sequence update)
20-AUG-2001 (Rel. 40. Last annotation update)
FASE PECEPTOR PRECURSOR (APOPIOSIS-MEDIATING SURPACE ANTIGEN FAS)
                                                                                                                                                                                                                                                                                                              Eukaryota, Metazoa, Chordata, Cramiata, Vertebrata, Euteleostomi;
Mammalia: Eutheria: Cerantiodaeryla: Suina: Suidae; Sus.
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N-LINKED (GLCNAC. . .) (POTENTIAL).
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LINKED (GLCNAC. . .) (P. 5R8B03682756RPIR CRC64:
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                    200 SluAlaAlaProGlythrserJyrSerAspThr 210
565 SAGAATGTTAAGGGCACTGAGGACTCAGGCACC 597
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16 POTENTIAL
                                                                                                                                  PRT;
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PROSTIE: PSSOOS; TNPP_NOSP_2: 2.
PROSTIE: PSSOO17; DEATH_DOMAIN: 1.
                                                                                                                                                                         15-JUL-1999 (Rel. 38, Created)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    EMBL; AJ001202; CAA04596.1; ·.
InterPro; IPR000488; Death.
InterPro; IPR001368; TNFR_c6.
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Pfam; PF00020; TNFR_c6; 3.
                                                                           Seq_name: SwissProt_39:FASA_PIG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SMART: SM00005; DEATH: 1.
                                                                                                                                     STANDARD;
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THERSP6 OR APT1 OR FAS.
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SIGNAL 1
                                                                                                                  seq_documentation_block:
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                                                                                                                                                                                                                                                                                              Sus scrofa (Piq).
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CARBOHYD
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Mammalia, Eutheria, Cetartiodactyla, Ruminantia, Pecora, Bovoidea,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            01.NoV 1997 (Rel. 35, Created)
01.NoV-1997 (Rel. 35, Last sequence update)
15.JUL-1999 (Rel. 38, Last annotation update)
CD401. PPCEPTOR PRECURSOR (H-CELL SURFACE ANTIGEN CD40) (FMAGMENT).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDLINE 97281252; PubMed-9135560;
Hirano A., Brown W.C., Estes D.M.;
"Cloning, expression and biological function of the bovine CD40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                role in B-lymphocyte growth and differentiation in
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                                                                                                                                                                                                                                           88 GATAGTGTGTGTGTGTGTGTGTGTATATATATGCACCCTCAAAATAATTCGAT 137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 106 pGlyGluHisGlyLeuGluValGluLysAsnCysThrArqThrGlnAsnT 123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4.45 POSTGTGTGTGTGTAGAAGAAGAAPAAGAATAGTAGGAATTATTGGAGTGAAAAC 384
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   123 hrtysCysAigCysLysProAsnPhePheCysHis....ThrSerGln 137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 148 CyscluHisCysAsnProCysThrThrCysGluHisGlyValIleGlu., 153
                                                                                                                                                                                                                                                                                                                                       138 TTGCTGTAPPAGTGPPPAAAGGAAPPTAPTGTAGAATGAGTGTGCAG 187
                                                                                                                                                                                                                                                                                                                                                                                                                                           235 ACCGCTTCAGAAAACCACCTCAGACTGCCTCAGCTGCTCCAAATGCCG 284
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   90 ThrAspLysAsnHigHisSerSerLysCysArgArgCysArgValCysAs 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   285 AAAGGAAATGGGTCAGGTGGAGATCTCTTTGTTTGCACAGTGGACGCGGGACA 334
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ::(11111
73 erProdiyGiyAlaProdinGysValProdysSerGiudiydiuAsplyr 89
                                                                                                                                                                                                                                                                                                                                                                                          56 eCysCysGlnProCysProProGlyLysArgLysHisAlaAspCysThrS 73
                                                                                                                                                                                                                                                                                         Argeluslyslaph 56
                                                                  Percent Identity: 29.134
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SUBCELLULAR LOCATION: TYPE I MEMBRANE PROTEIN.
                       Length:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   269 AA
                                                   Gaps:
                                                                                                                                                                                             Align seq 1/1 to: FASA_PIG from: 1 to: 332
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             435 CTCCTGCCAGGAGAACAGAACACGTGTGC 465
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           154 .AsnCysThrProThrSerAsnThrLysCys 163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRT;
                                                                                                                                                                                                                                                                                         43 GluSerGluCysProGluGlyGlnHis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Seq_name: SwissProt_144.CD40_ROVIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Immunology 90.294-300(1997).
                                           2.418
57.480
                                                                                                                                            US-09-525-998A-11 x FASA_PIG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STANDARD;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Bovinac, Bos.
                                                                                                                                                                                                                                                                  Bos taurus (Bovine).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          seq_documentation_block:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE FROM N.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NCB1_Tax1D-9913;
                         Quality.
                                              Ratio:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TNFRSF5 OR CD40.
                                                                  Percent Similarity:
alignment_scores:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CD40_BOVIN
                                                                                                                     alignment_block
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  homologue:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Bowidae,
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                                                                                                                                                                                                                                                                                                                                                                                                                                N-LINKED (GLCNAC. . .) (POTENTIAL).
N-LINKED (GLCNAC. . .) (POTENTIAL).
                                                                                                                                                                                             PROSITE: PS00652; TNFR_NGFR_1: 1.
PROSITE: PS50650; TNFR_NGFR_2: 1.
Receptor: R-cell: Glycoprotein: Transmembrane: Repeat: Signal.
SIGNAL 1 19 POTENTIAL.
CHAIN 20 >269 CD401. RECEPTOR.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           78 OCTIATIGGAGATACTOTGTGTGCCAAGGAAAATATATCCACCCTCAAA 127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 128 AINATICGAITIGCIGIACCAAGIGCCACAAAGGAACCIACIIGIACAAI 177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    178 GACTGTGCAGGCCCCCGGGGATAGGGACTGCAGGGAGTGTGAGAGGGG 227
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           228 CTCCTTCACCCTTCACAAAACCACCTCAGAGAGGGGTGAGTGGTGCTGAGTGCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 278 AAIGCGGAAAGGAAAAAGGALAAGIGGAGAICICIICIIGGAAGAGIGGA~ 327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         17 aValHisSerGluProAlathrAlaCysGlyGluLysGlnTyrProVal. 33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        50 AspCysThrGluValGerLys...ThrGluCysGlnSerCysGlyLysGl 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    34 .. AsnSerLeuCysCysAspLeuCysProProGlyGlnLysLeuValAsn 49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             65 yGluPheLeuSerThrTrpAsnArgGluLysTyrCysHisGluHisArgT 82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     82 yrCysAsnProAsnLeuGlyLeuArglleGlnSerGluGlyThrLeuAsn 98
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    28 CTGCTGCCACTGGTGCTGCTGGTGTTGGTGGGAATATACCCCTCAGG 77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 MetValArgLeuProLeuGlnCysLeuPheTrpGlyPhePheLeuThrAl 17
                                                                                                                                                                                                                                                                 CD401 RECEPTOR. EXTRACELLULAR (POTENTIAL).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      29983 MW; 746903F30F95F387 CRC64;
                                                                                                                                                                                                                                                                                                      POTENTIAL. CYTOPLASMIC (POTENTIAL).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Percent Identity: 29.947
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Align seg 1/1 to: CD40_BOVIN from: 1 to: 269
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Caps:
                                                                                                                                                                                                                                                                                                                                          4 X INFR-CYS.
TNFR-CYS 1.
INFR-CYS 2.
                                                                                                                                                                                                                                                                                                                                                                                              INFR-CYS 3.
INFR-CYS 4.
                                                                                                                    mass, Fig. 1980
Interpro: IPPO01348; INFR_66.
Pfam: PF00020; INFR_66: 4.
Profxm: PD000771; INFR_66: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               aliqnment_block: 0S-09-525-998A\cdot11 \times CD40\_BOVIN
                                                                                        EMBL: 057745, AAC48710.1,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1.548 56.150
                                                                                                                                                                              SM00208; TNFR; 4.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Quality: 173.00
Ratio: 1.648
Percent Similarity: 56.150
                                                                                                                                                                                                                                                                                     193
215
>269
                                                                                                            CDF.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     269 AA;
                                                                                                                                                                                                                                                                    20
20
194
216
                                                                                                          P25942;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           alignment_scores:
                                                                                                                                                                                                                                                                                                      TRANSMEM
DOMAIN
DOMAIN
                                                                                                                                                                                                                                                                                                                                                                                                                                  ARBOHYD
                                                                                                                                                                                                                                                                                                                                                                                                                                                   CARBOHYD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SHOURNCE
                                                                                                                                                                                                                                                                  CHAIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NON LER
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KEPEAT
                                                                                                                                                                              SMAR [ ;
                                                                                                                                                                                                                                                                                                                                                                                              KEPEA1
                                                                                                                                                                                                                                                                                                                                                                                                             REPEAT
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425 COGIGCACCICICCIGCAGGAGAAACAGAAACACCGIGIGC...ACCIGC 471

378 IGAAAAÇETITIECAGIGELTEQAATIGEAGEETETAAAAGGG...A 424

99 ThrAspThrIleCysValCysValGysValGluGluGlyGln.....HisCysThrSe 113

328 CGGGACACCCTGTGTGCTGCAGGAAGAACCAGTACCGGCATTATTGGAG 377

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